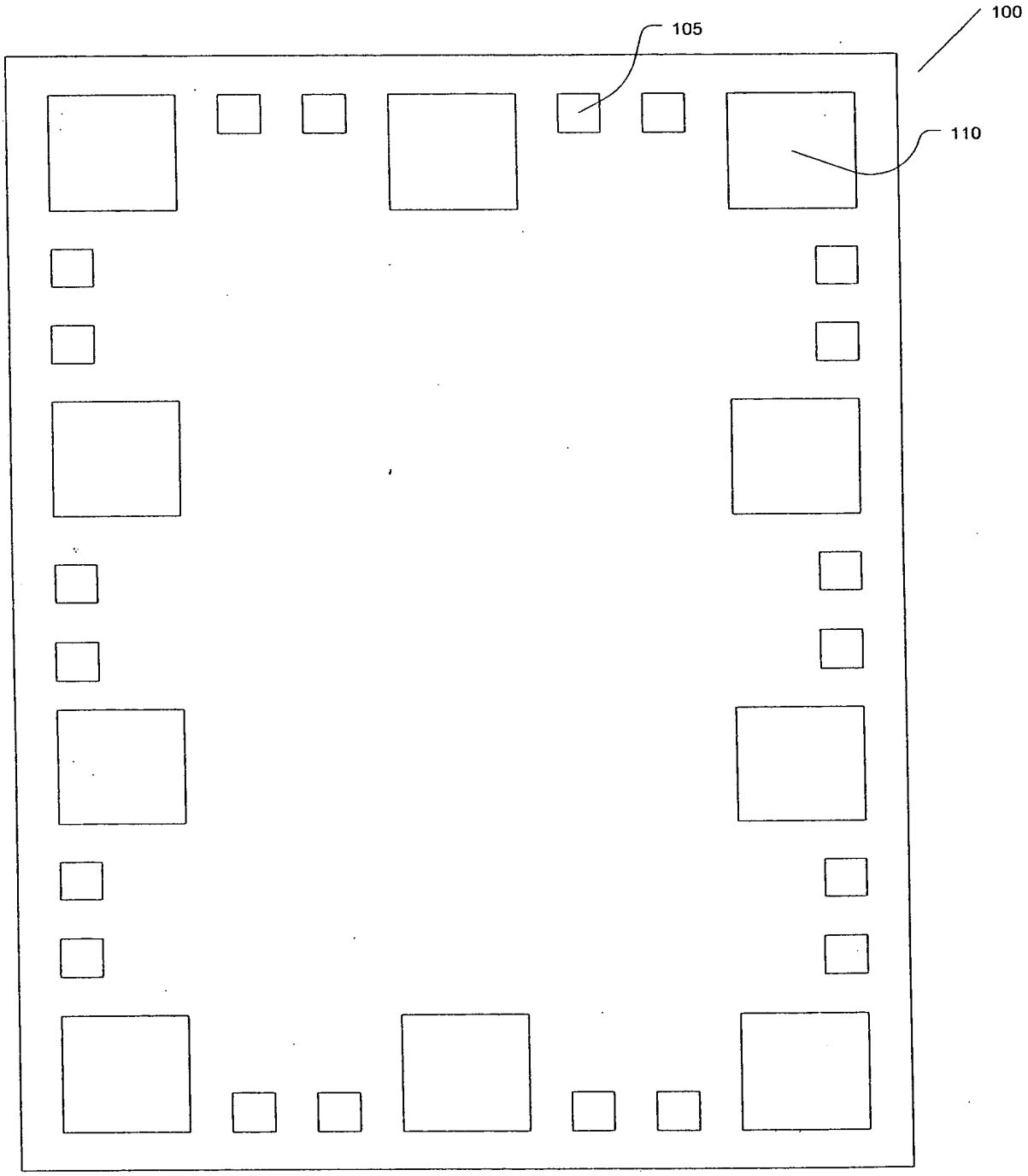

FIG. 1

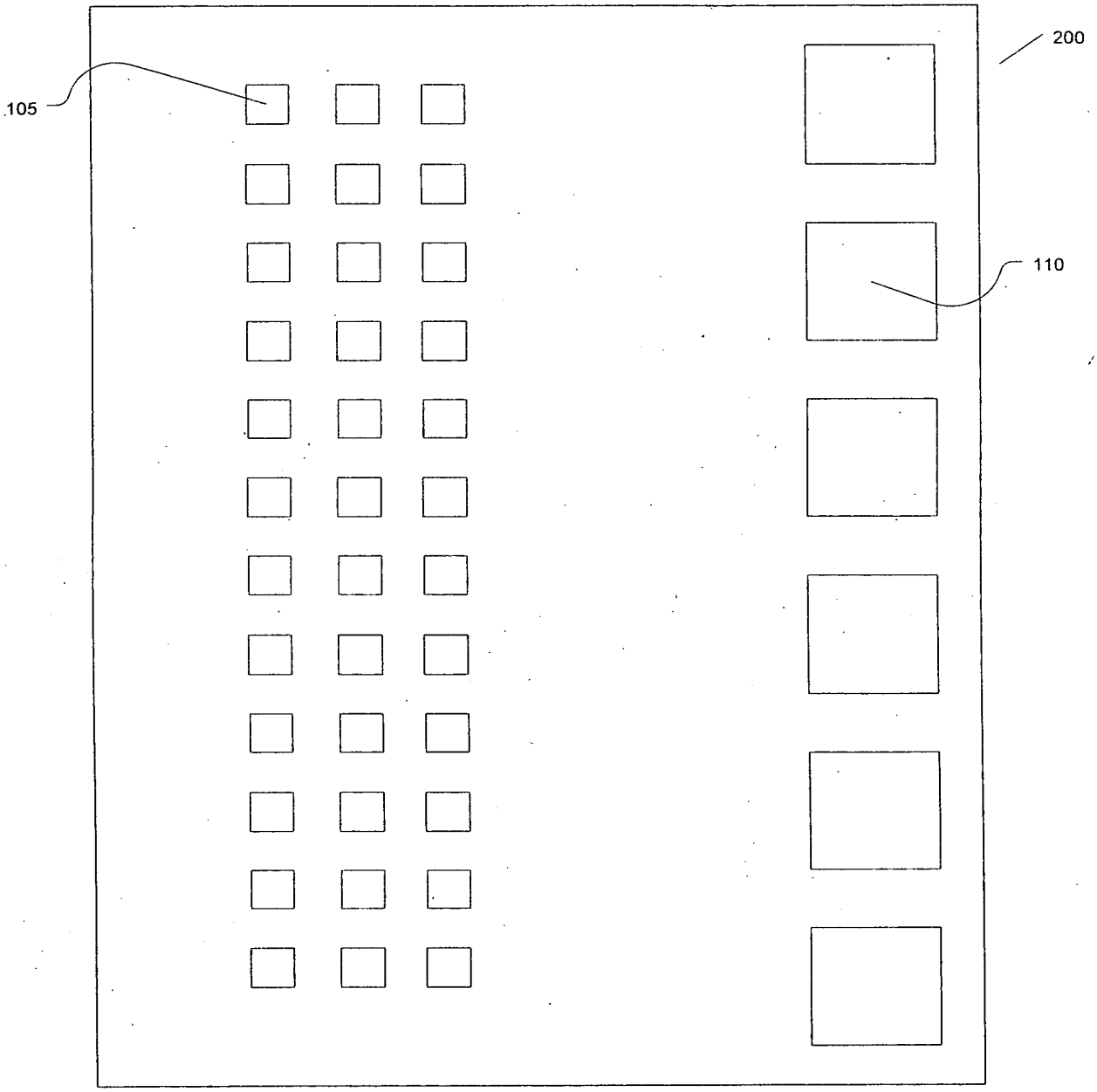

FIG. 2

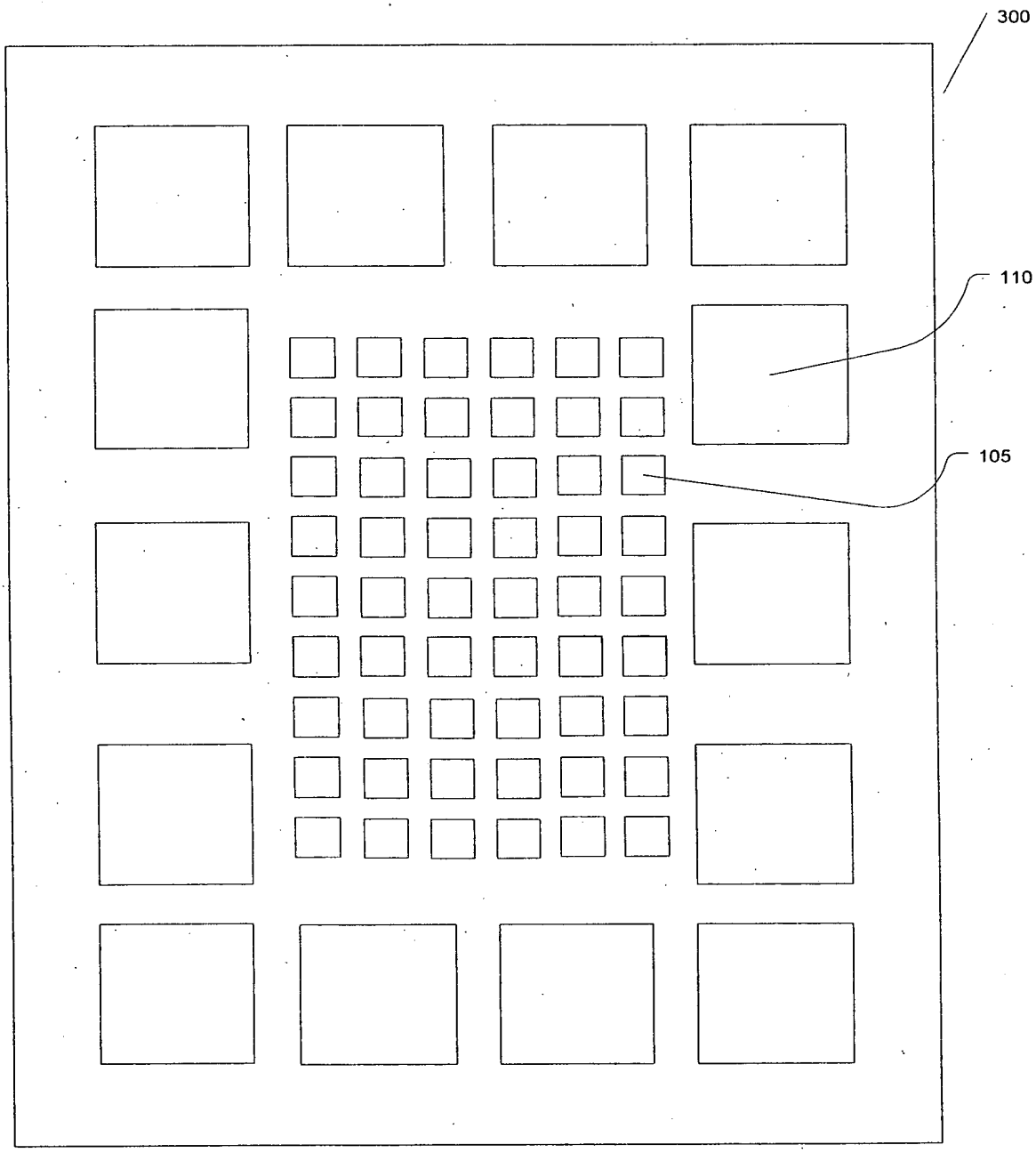

FIG. 3

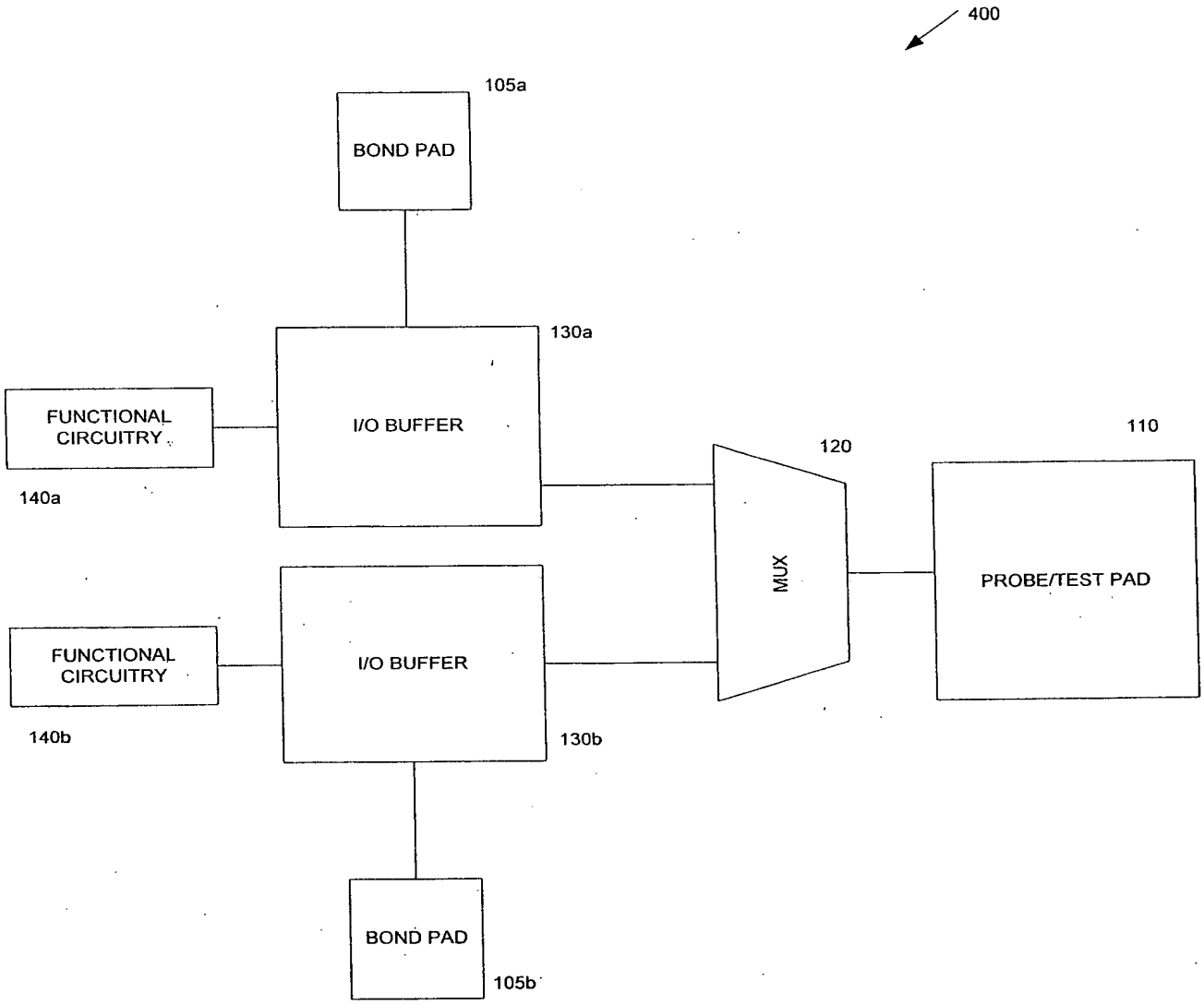
400
105a
BOND PAD
130a
FUNCTIONAL CIRCUITRY
I/O BUFFER
140a
120
110
MUX
PROBE/TEST PAD
FUNCTIONAL CIRCUITRY
I/O BUFFER
140b
130b
BOND PAD
105b

FIG. 4

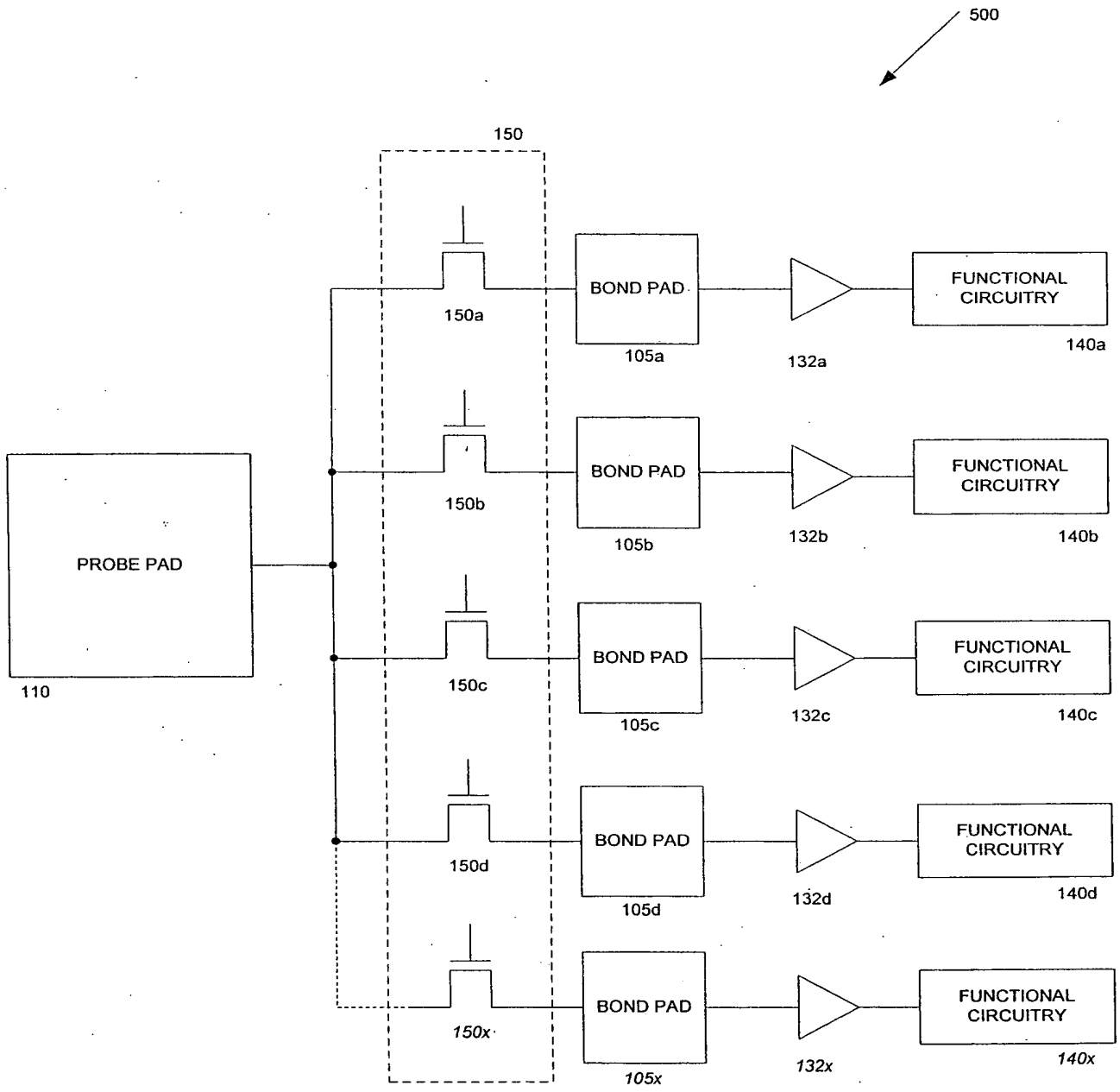
500
150
PROBE PAD
110
150a
150b
150c
150d
150x
BOND PAD
105a
105b
105c
105d
105x
132a
132b
132c
132d
132x
FUNCTIONAL CIRCUITRY
140a
140b
140c
140d
140x

FIG. 5

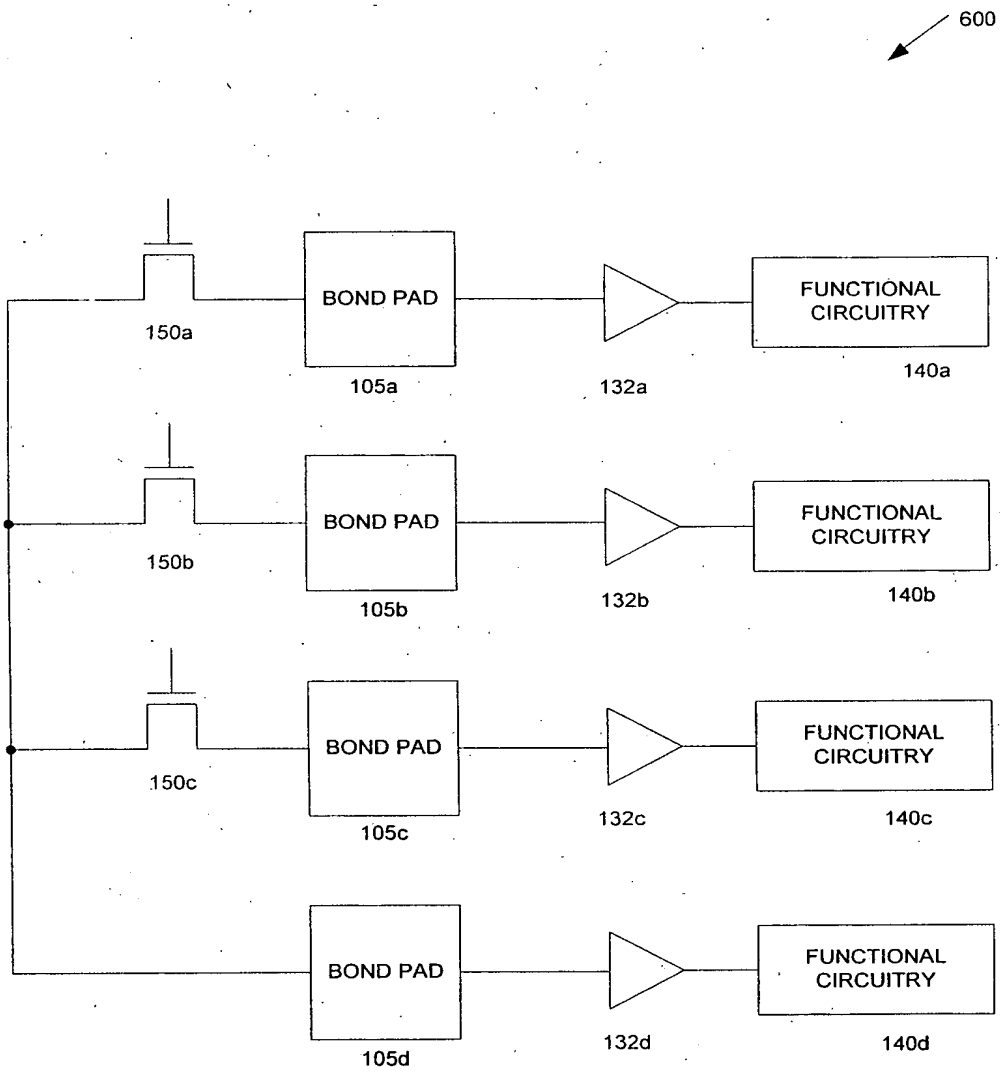
600
150a
BOND PAD
105a
132a
FUNCTIONAL CIRCUITRY
140a
150b
BOND PAD
105b
132b
FUNCTIONAL CIRCUITRY
140b
150c
BOND PAD
105c
132c
FUNCTIONAL CIRCUITRY
140c
BOND PAD
105d
132d
FUNCTIONAL CIRCUITRY
140d

FIG. 6

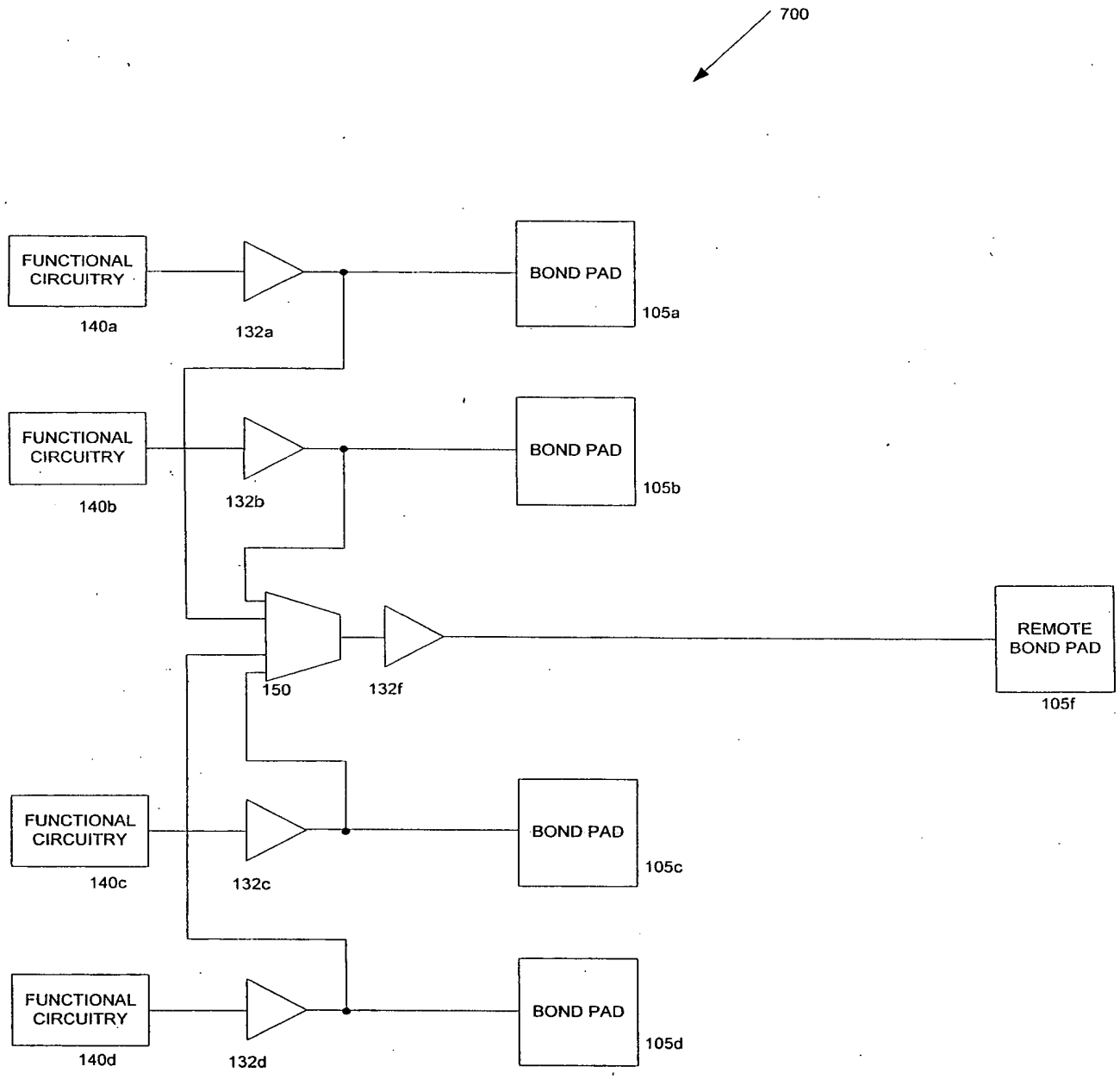
700
FUNCTIONAL CIRCUITRY
140a
132a
BOND PAD
105a
FUNCTIONAL CIRCUITRY
140b
132b
BOND PAD
105b
150
132f
REMOTE BOND PAD
105f
FUNCTIONAL CIRCUITRY
140c
132c
BOND PAD
105c
FUNCTIONAL CIRCUITRY
140d
132d
BOND PAD
105d

FIG. 7

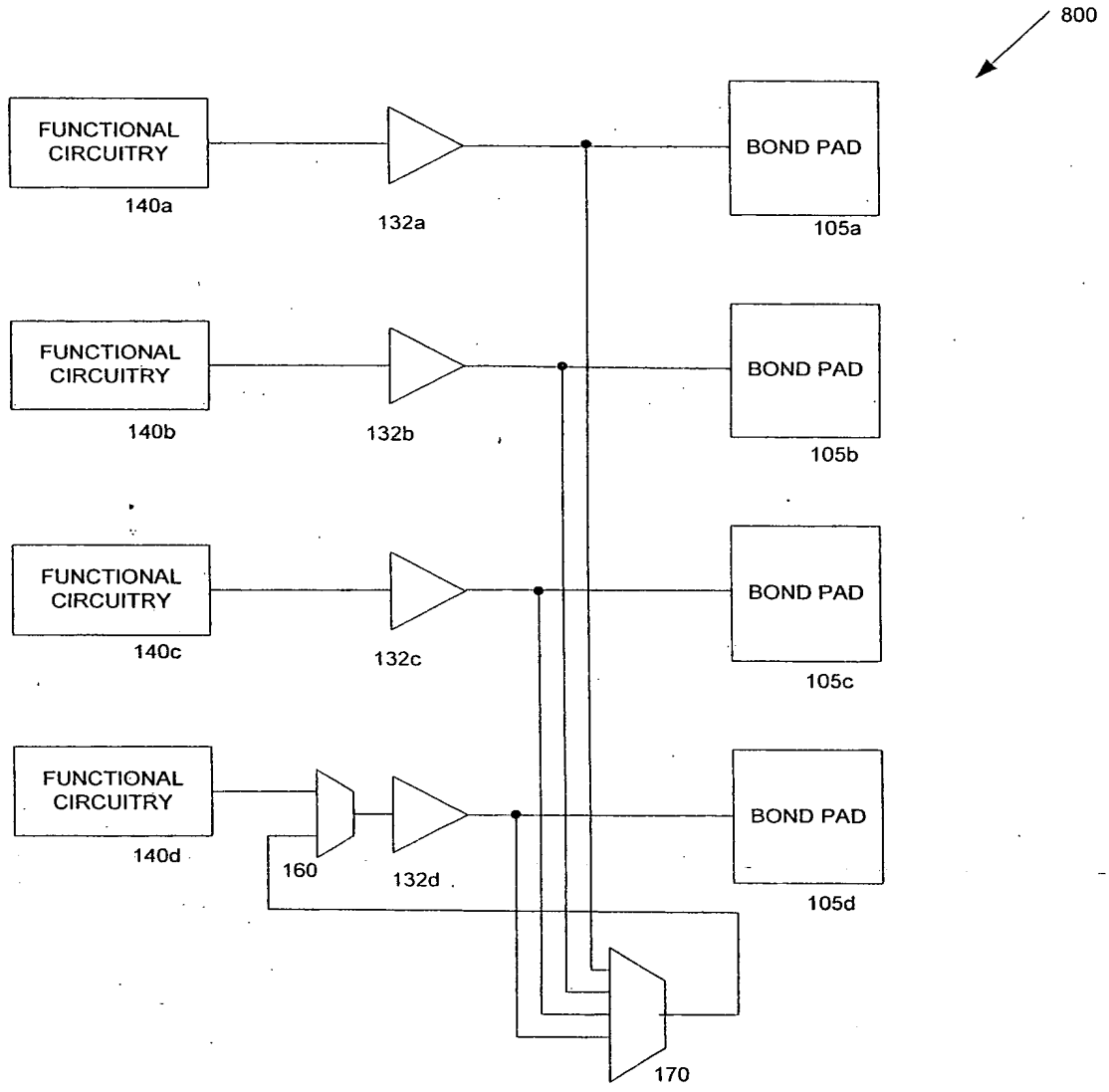
800
FUNCTIONAL CIRCUITRY
140a
132a
BOND PAD
105a
FUNCTIONAL CIRCUITRY
140b
132b
BOND PAD
105b
FUNCTIONAL CIRCUITRY
140c
132c
BOND PAD
105c
FUNCTIONAL CIRCUITRY
140d
160
132d
BOND PAD
105d
170

FIG. 8

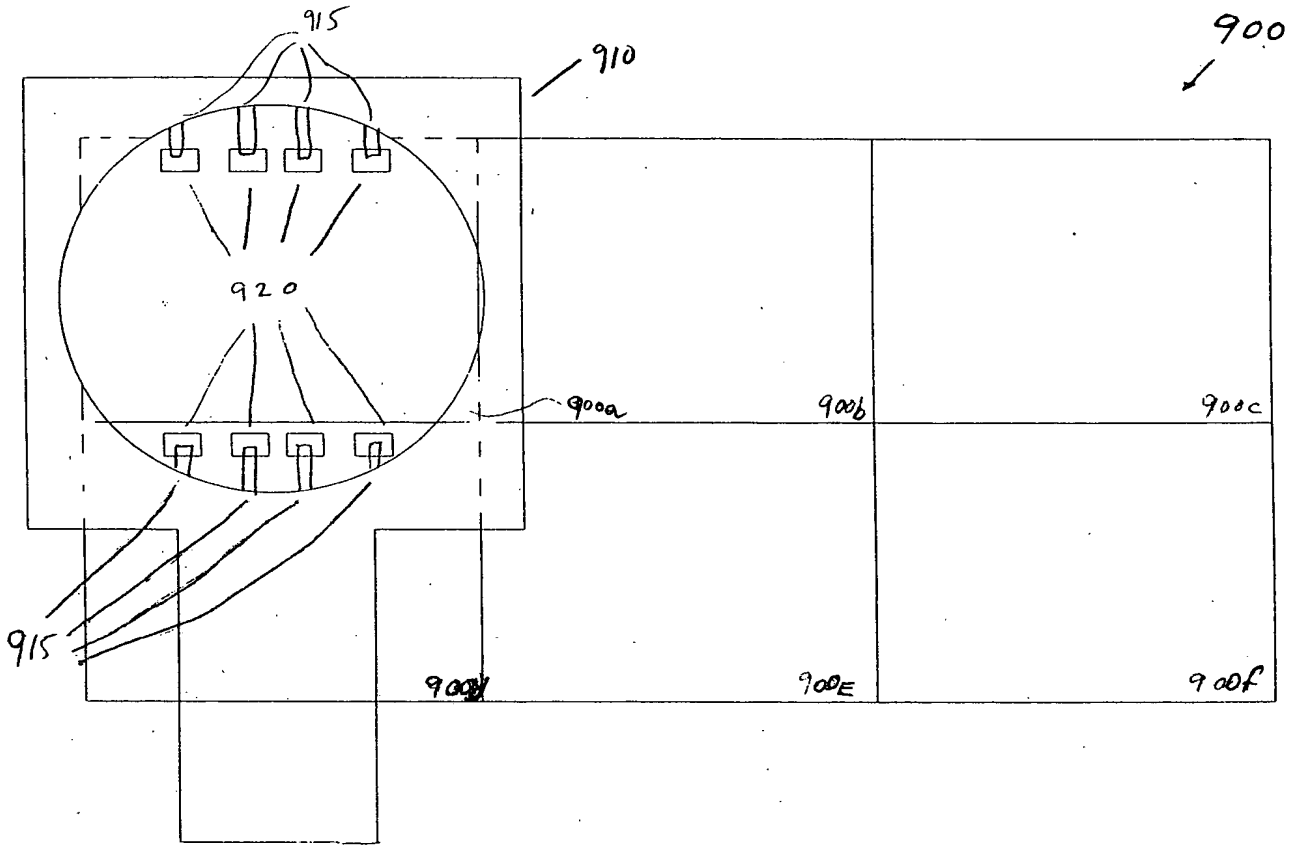

FIG. 9